

IN THE SPECIFICATION:

Please replace the paragraph beginning on line 1 of p. 16 with the following amended paragraph.

The GPIB card 122, the image acquisition card 134, the motion control interface card 138, and the DAQ card 114 are typically plugged ~~[[in to]]~~ into an I/O slot in the computer 82, such as a PCI bus slot, a PC Card slot, or an ISA, EISA or MicroChannel bus slot provided by the computer 82. However, these cards 122, 134, 138 and 114 are shown external to computer 82 for illustrative purposes. The cards 122, 134, 138 and 114 may also be implemented as external devices coupled to the computer 82, such as through a serial bus.